

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Joseph F. Skovira Confirmation No.:

Serial No.: Group Art Unit:

Filed: Herewith Examiner:

Title: BALANCING WORKLOAD OF A GRID COMPUTING ENVIRONMENT

To: Mail Stop PATENT APPLICATION
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

STATEMENT OF RELEVANCE FOR INFORMATION
DISCLOSED BY APPLICANT

Sir:

The following Statement of Relevance is submitted with the accompanying Supplemental Information Disclosure form.

Document
Designation Relevance

JP 04299414 Redistribution of workload.

A full text copy of the art cited, or the pertinent portions thereof, are enclosed. It is respectfully requested that this art be considered by the Examiner in the above-entitled application and made of record therein. The information provided and reference enclosed herewith shall not be construed as a representation that a search has been made or that no other art than that identified exists.

Respectfully submitted,

July 2, 2003
Date

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INFORMATION DISCLOSURE CITATION (USE SEVERAL SHEETS IF NECESSARY)			ATTY DOCKET NO. POU920030100US1	SERIAL NO.		
			APPLICANT(S) JOSEPH F. SKOVIRA			
FILING DATE HEREWITH			GROUP			

EXPRESS # ER 046554978 US

U.S. PATENT DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA	4,633,387	12/30/86	Hartung et al.	364	200	
	AB	4,852,001	07/25/89	Tsushima et al.	364	401	
	AC	5,630,129	05/13/97	Wheat	395	675	
	AD	5,655,120	08/05/97	Witte et al.	395	675	
	AE	6,202,080 B1	03/13/01	Lu et al.	709	105	

FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION		
							NO	YES	ABSTRACT
	AF	JP 04299414 A	10/22/92	Japan	G06F	009/06	X		X

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

AG	"Latency Hiding in Dynamic Partitioning and Load Balancing of Grid Computing Applications," S. Das, D. Harvey, R. Biswas, 0-7695-1010-8/01 2001 IEEE, pp. 347-354.				
AH	"MinEX: a Latency-tolerant Dynamic Partitioner for Grid Computing Applications," Das, S.K. et al., Future Generation Computer Systems, Vol. 18, Issue 4, March 2002, pp. 477-489.				
AI	"A Latency-Tolerant Partitioner for Distributed Computing on the Information Power Grid," S. Das, D. Harvey, R. Biswas, 0-7695-0990-8/01 2001 IEEE.				
AJ	"Hardware-Software-Balanced Resampling for the Interactive Visualization of Unstructured Grids," M. Weiler, T. Ertl, 0-7803-7200-x/01 2001 IEEE, pp. 199-206.				
AK	"Dynamic Load Balancing with Adaptive Weighted Factoring in Computational Field Simulation Applications," Banicescu, I. et al., Parallel and Distributed Computing and Systems, November 6-9, 2000, vol. 1, pp. 352-359.				

EXAMINER	DATE CONSIDERED
EXAMINER: Initial here if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.	

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	AL	"Parallel Tetrahedral Mean Adaptation with Dynamic Load Balancing," Oliker, L. et al., Parallel Computing, vol. 26, issue 12, November 2000, pp. 1583-1608.	
	AM	"Load Balancing Unstructured Adaptive Grids for CFD Problems," Biswas, R. et al., SIAM Conference on Parallel Processing for Scientific Computing, March 14-17, 1997, pp. 1-8.	
	AN	"Impact of Load Balancing on Unstructured Adaptive Grid Computations for Distributed-Memory Multiprocessors," A. Sohn, R. Biswas, H. Simon, 0-8186-7683-3/96 1996 IEEE, pp. 26-33.	
	AO	"Fast Parallel SAT-solver – Efficient Workload Balancing," Bohm, M. et al., Annals of Mathematics and Artificial Intelligence, vol. 17, issue 3-4, October 1996, pp. 381-400.	
	AP	"Runtime Support and Dynamic Load Balancing Strategies for Structured Adaptive Applications," Moon et al., Proceedings of the Seventh SIAM Conference on Parallel Processing for Scientific Computing", pp. 575-580, 1995. (ABSTRACT ONLY)	
	AQ	"Near-Optimal Adaptive Control of a Large Grid Application," Buaklee et al., ACM 1-58113-483-5/02, pp. 315-326.	
	AR	"Backfill Scheduling Of Applications Based on Data of the Applications," J. Skovira, U.S. Patent Application No. 10/406,985, filed April 4, 2003.	
	AS	"Resource Reservation for Large-Scale Job Scheduling," J. Skovira, U.S. Patent Application No. 10/160,280, filed May 31, 2002.	

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